Met Office

Autumn 2016

The following represents an assessment of the weather experienced across the UK during Autumn 2016 and how it compares with the 1981 to 2010 average.

September was a notably warm month, with unusually high temperatures for the time of year in south-east England around the 6th-9th and again on the 13th-15th, and a changeable but rather warm west to south-westerly type near both ends of the month. October was very dry and often quiet and anticyclonic with frequent easterly winds, and it was an exceptionally sunny month in north-west Scotland. Temperatures were mostly near average, but the last three days were unseasonably warm. November was often cold and sunny, especially in the north, but had an unsettled spell mid-month, particularly in the south.

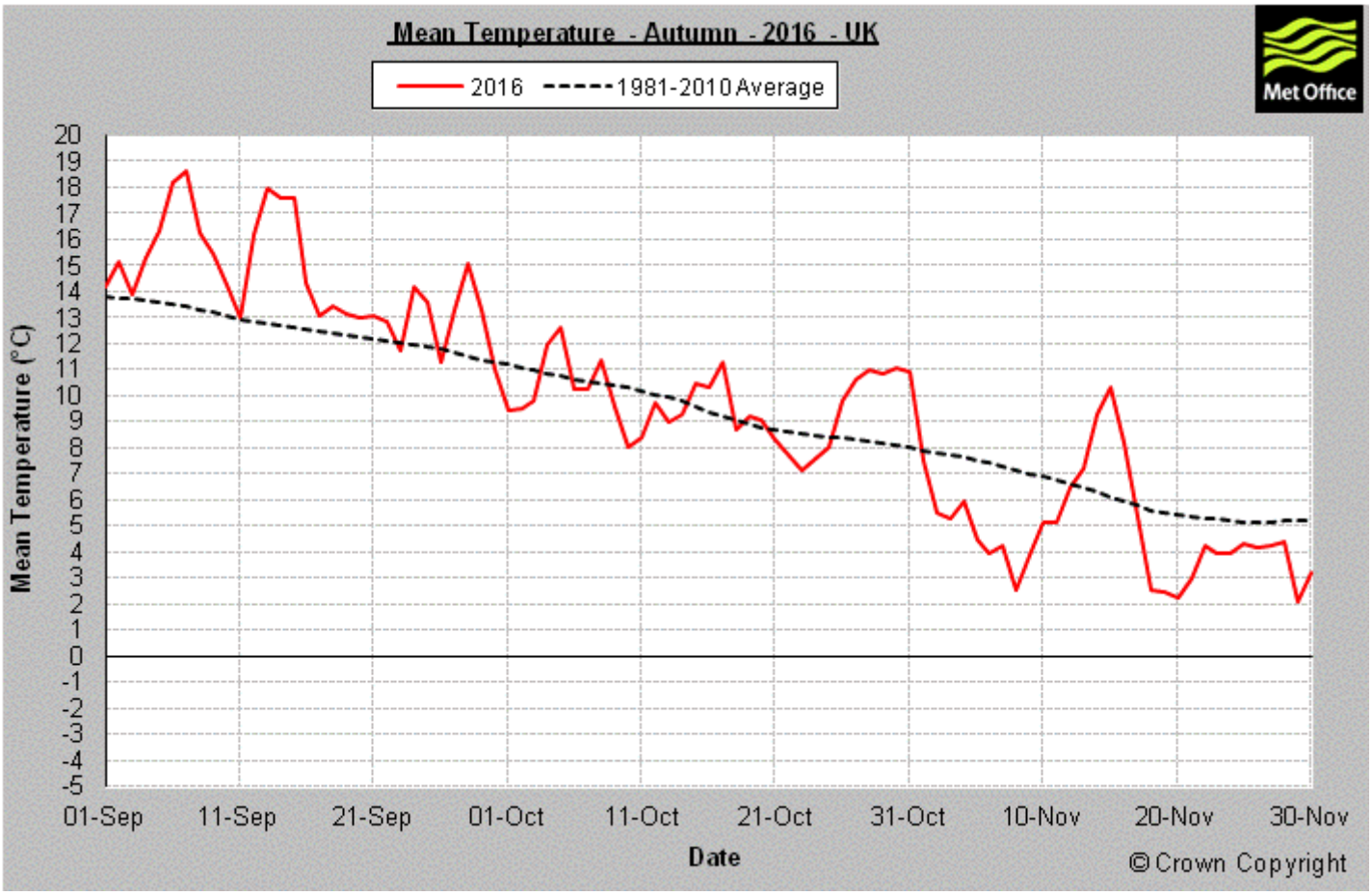
The mean temperature for the autumn was 9.8 °C, which is 0.3 °C above the long-term average. September was 2.0 °C above average, October was 0.3 °C above average, and by contrast November was 1.3 °C below average. September 2016 was the equal-second warmest September in the series from 1910 (beaten only by 2006), but November was the coldest since 2010.

Autumn rainfall totals were below normal over most of the UK, particularly in Scotland. September was generally wetter than average in Scotland, Northern Ireland, Wales and western parts of England, but October was very dry except in some counties bordering the North Sea. November was drier than average over much of Scotland, Wales and Northern Ireland but had near or above average rainfall over much of England. The UK rainfall anomalies were: September (101%), October (37%) and November (86%).

Autumn sunshine totals were slightly above average in most parts of the country, and well above average in north-west Scotland. September was mostly cloudier than average in the west, but October and November were generally sunnier than average, especially in north-west Scotland; it was the sunniest November for Scotland in a series from 1929. Sunshine anomalies for the UK for each month were: September (96%), October (114%) and November (131%).

UK statistical summary

UK statistical summary		
Mean temperature	**Rainfall**	**Sunshine**
The mean value is 9.8 °C, which is 0.3 °C above the 1981-2010 average.	The total is 249 mm, which is 72% of the 1981-2010 average.	The total is 300 hours, which is 109% of the 1981-2010 average.


Mean Temperature - Autumn - 2016 - UK
2016
1981-2010 Average
Met Office
Mean Temperature (°C)
20
19
18
17
16
15
14
13
12
11
10
9
8
7
6
5
4
3
2
1
0
-1
-2
-3
-4
-5
01-Sep
11-Sep
21-Sep
01-Oct
11-Oct
21-Oct
31-Oct
10-Nov
20-Nov
30-Nov
Date
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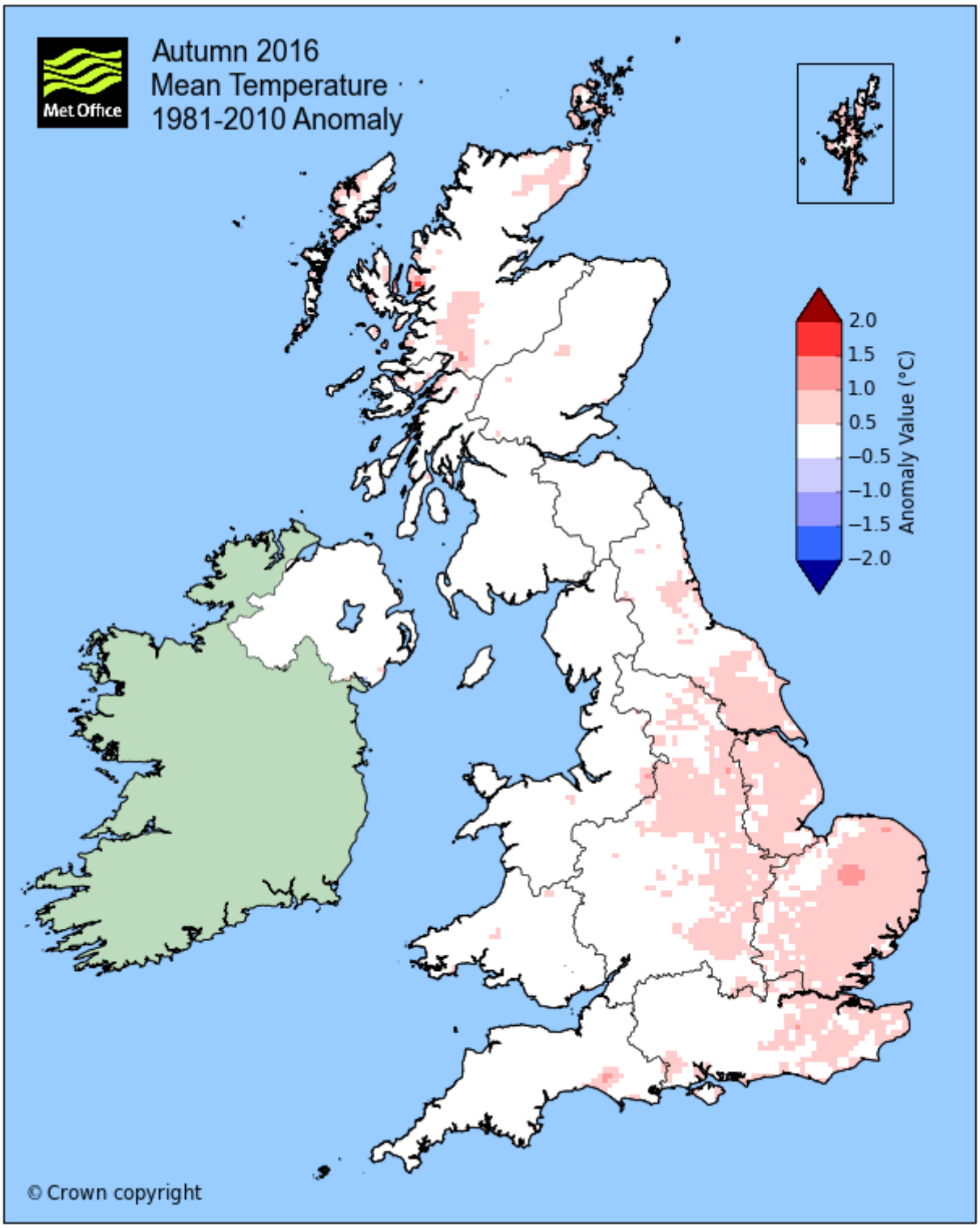
Met Office
Autumn 2016
Mean Temperature
1981-2010 Anomaly
2.0
1.5
1.0
0.5
−0.5
−1.0
−1.5
−2.0
Anomaly Value (°C)
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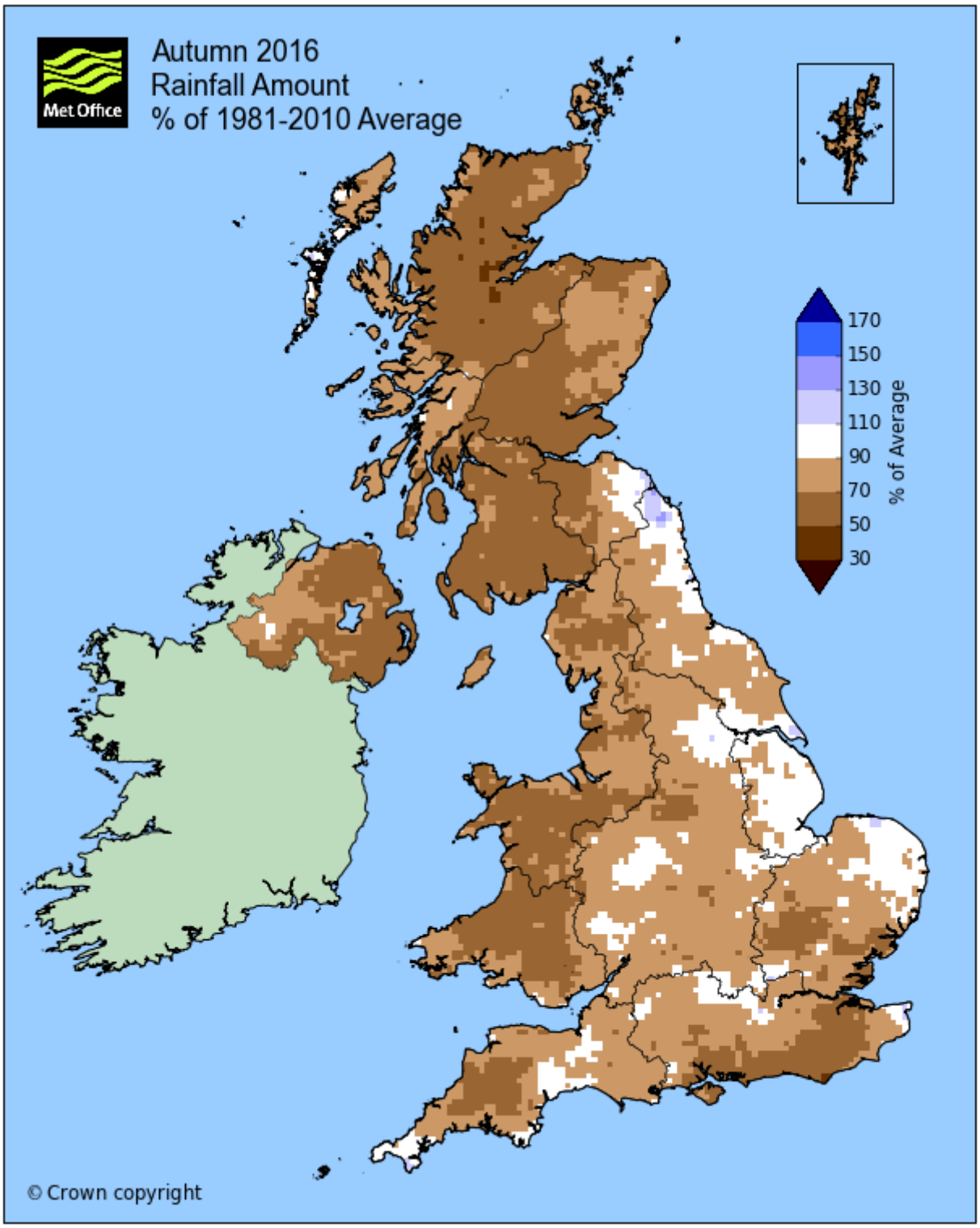
Met Office
Autumn 2016
Rainfall Amount
% of 1981-2010 Average
170
150
130
110
90
70
50
30
% of Average
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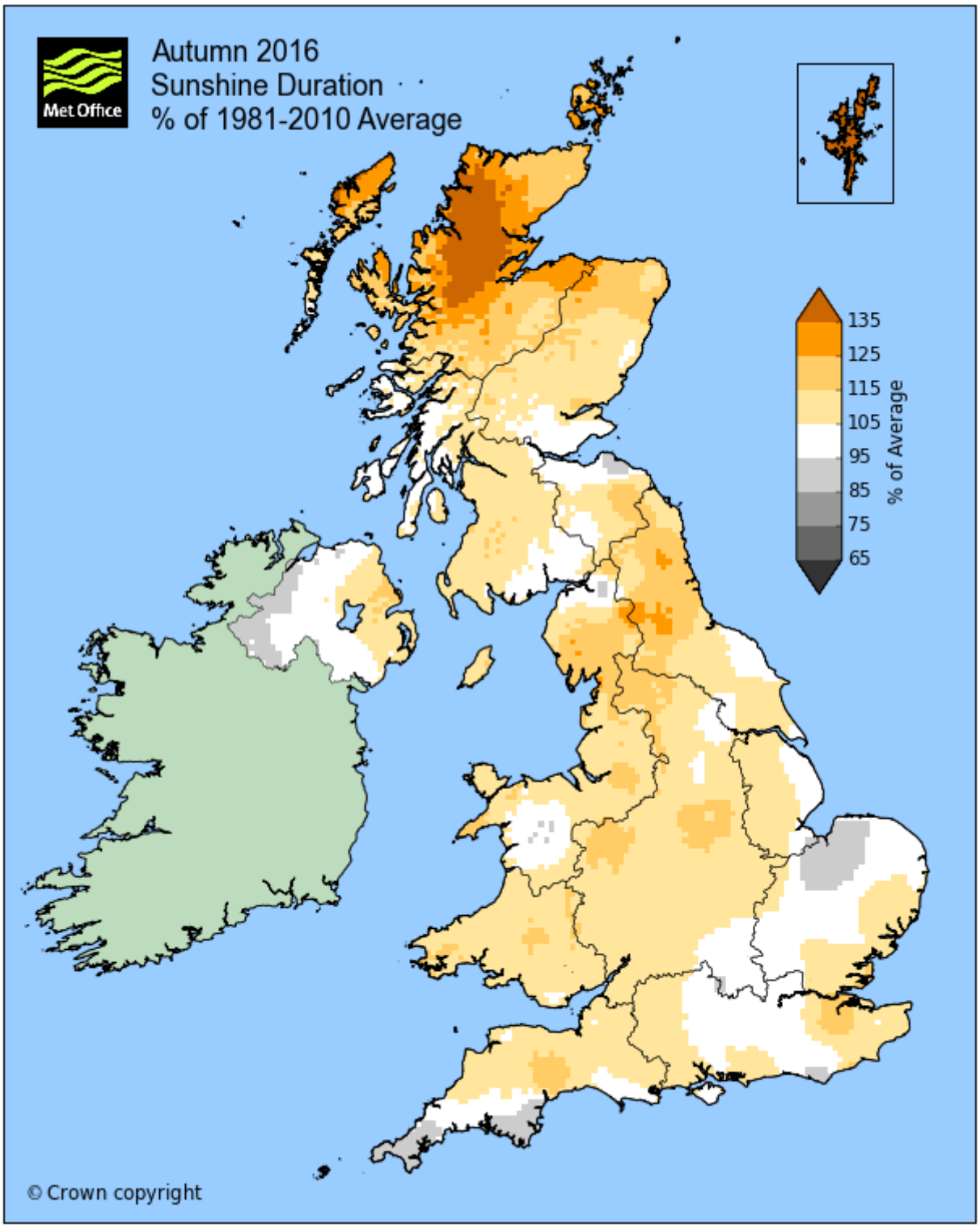

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